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Nov 6, 2001

US-PAT-NO: 6314409

DOCUMENT-IDENTIFIER: US 6314409 B1

TITLE: System for controlling access and distribution of digital property

DATE-ISSUED: November 6, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schneck; Paul B.	Potomac	MD		
Abrams; Marshall D.	Silver Spring	MD		

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Veridian Information Solutions					02

APPL-NO: 09/ 178606 [PALM]

DATE FILED: October 26, 1998

## PARENT-CASE:

This is a division of application Ser. No. 08/968,887, filed Nov. 5, 1997 which is a continuation of Ser. No. 08/584,493, filed Jan. 11, 1996, now abandoned.

INT-CL: [07] H04 L 9/00

US-CL-ISSUED: 705/54; 705/57, 380/259, 380/287, 380/59, 713/182, 713/189, 713/193, 713/194, 713/200

US-CL-CURRENT: 705/54; 380/259, 380/287, 380/59, 705/57, 713/182, 713/189, 713/193, 713/194, 713/200

FIELD-OF-SEARCH: 395/186, 395/187.01, 395/188.01, 380/4, 380/23, 380/25, 380/49, 380/50, 380/59, 380/200-204, 380/210, 380/255, 380/259, 380/277, 380/278, 380/279, 380/29, 380/30, 380/287, 705/43, 705/51, 705/52, 705/54, 705/57, 705/58, 713/150-152, 713/182, 713/189, 713/193, 713/194, 713/200, 713/201, 713/202

PRIOR-ART-DISCLOSED:

## U.S. PATENT DOCUMENTS

☐ Search Selected☐ Search ALL

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	3504132	March 1970	Wallace, Jr.	
<input type="checkbox"/>	3648020	March 1972	Tateisi et al.	705/43
<input type="checkbox"/>	3764742	October 1973	Abbott et al.	
<input type="checkbox"/>	3798359	March 1974	Feistel	
<input type="checkbox"/>	3878331	April 1975	Morgan et al.	

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<input type="checkbox"/> 4028678		June 1977	Moran	
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<input type="checkbox"/> 4827508		May 1989	Shear	
<input type="checkbox"/> 4924378		May 1990	Hershey et al.	
<input type="checkbox"/> 4932054		June 1990	Chou et al.	380/4

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ART-UNIT: 362

PRIMARY-EXAMINER: Gregory; Bernarr E.

ATTY-AGENT-FIRM: Pillsbury Winthrop

#### ABSTRACT:

A method and device are provided for controlling access to data. Portions of the data are protected and rules concerning access rights to the data are determined. Access to the protected portions of the data is prevented, other than in a non-useable form; and users are provided access to the data only in accordance with the rules as enforced by a mechanism protected by tamper detection. A method is also provided for distributing data for subsequent controlled use of those data. The method includes protecting portions of the data; preventing access to the protected portions of the data other than in a non-useable form; determining rules concerning access rights to the data; protecting the rules; and providing a package including: the protected portions of the data and the protected rules. A user is provided

controlled access to the distributed data only in accordance with the rules as enforced by a mechanism protected by tamper protection. A device is provided for controlling access to data having protected data portions and rules concerning access rights to the data. The device includes means for storing the rules; and means for accessing the protected data portions only in accordance with the rules, whereby user access to the protected data portions is permitted only if the rules indicate that the user is allowed to access the portions of the data.

43 Claims, 34 Drawing figures